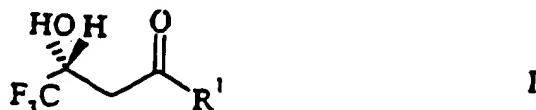


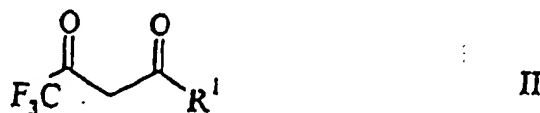
The invention relates to a novel biotechnological process for preparing 4,4,4-trifluoro-3(R)-hydroxybutyric acid derivatives of the general formula



4,4,4-trifluoro-3(R)-hydroxybutyric acid derivatives such as ethyl 4,4,4-trifluoro-3(R)-hydroxybutyrate are important intermediates for preparing Befloxatone, a monamine oxidase A inhibitor (EP-A-0 736 606).

On page 2, replace the paragraph on line 11-29, with the following paragraph:

According to the invention, the process is carried out by a trifluoroacetoacetic acid derivative of the general formula



in which

R1 is -OR<sup>2</sup>, in which R<sup>2</sup> is hydrogen, C<sub>1-10</sub>-alkyl, C<sub>2-10</sub>-alkenyl, C<sub>3-8</sub>-cycloalkyl, aryl, alkoxyalkyl or alkoxyalkoxyalkyl,

-NR<sup>3</sup>R<sup>4</sup>, in which R<sup>3</sup> and R<sup>4</sup> are identical or different and represent

hydrogen, C<sub>1-10</sub>-alkyl, C<sub>2-10</sub>-alkyl, C<sub>2-10</sub>-alkenyl, C<sub>3-8</sub>-cycloalkyl or aryl, α

-SR<sup>5</sup>, in which R<sup>5</sup> is hydrogen, C<sub>1-10</sub>-alkyl, C<sub>2-10</sub>-alkenyl, aryl or C<sub>3-8</sub>-cycloalkyl,

being converted by means of microorganisms which are able to reduce a carbonyl function, or by means of a cell-free enzyme extract of these microorganisms, into the compound of the general

formula

